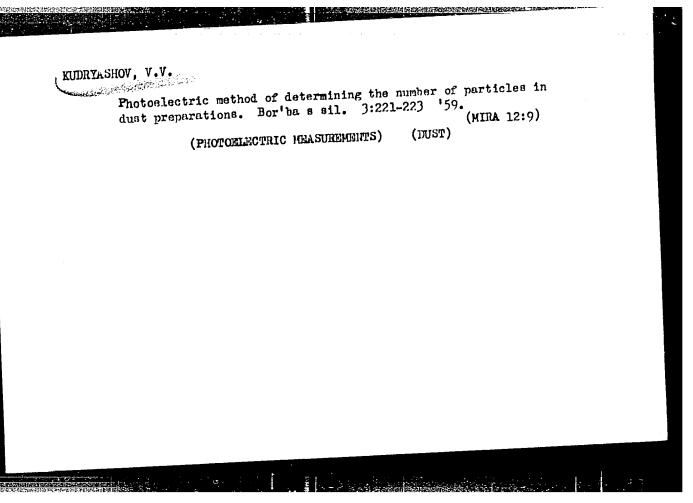
VORONIN, V.N., doktor tekhn.nauk [deceased]; KUDRYASHOV, V.V.

LA-3 apparatus for taking dust samples from the air. Bor'ha
(HIRA 12:9)

s s11. 3:213-220 '59. (BUST COLLECTORS)



KUDRYASHOV, V.V., kand.tekhn.nauk

Some problems in the theory and calculation of optical apparatus for measuring dust. Sbor. rab. po silik. no.2:99-114 '60. (MIRA 14*3)

1. Inatitut gornogo dela AN SSSR. (OPTICAL INSTRUMENTS)

Evaluation of the accuracy of indirect methods of dust control.

Sbor. rab. po silik. no.3:161-162 '61. (MIRA 15:10)

1. Institut gornogo dela AN SSSR. (Mine dusta-Measurement)

KUDRYASHOV, V.V., kand. tekhn.nauk; SKVORTSOV, A.N.

Using water to control dust at negative temperatures. Bor'ba s sil. 5:28-37 '62. (MIRA 16:5)

1. Institut gornogo dela imeni A.A.Skochinskogo.
(Mine dusts--Prevention)

KUDRYASHOV, V.V., kand.tekhn.nauk

Preliminary coal wetting in the massif under permafrost conditions.
Bor'ba s sil. 5:79-91 '62. (MIRA 1645)

1. Institut gornogo dela imeni A-A.Skochinskogo.
(Mine dusts—Prevention) (Frozen ground)

KUDRYASHOV, V. V., kand. tekhn. nauk; SKVORTSOV, A. N., gornyy inzh.

Internal water tamping of holes as a means of dust control.
Ugol' 37 no.10:46-48 0 '62. (MIRA 15:10)

1. Institut gornogo dela im. A. A. Skochinskogo.

(Mine dusts)

KUDRYASHOV, V.V., kand. tekhm. nauk

Calculation of photoelectric dust meters containing photoresistors. Bor'ba a sil. 6:168-179 '64 (MIRA 18:2)

1. Institut gornogo dela im. A.A. Skochirskogo.

 $A. ic \subseteq L$

AUTHORS:

Kudryashov, V. Ya, Col., Candidate of Military Science and Nikitin, P. G., Lt. Col.

TITLE:

Combat Possibilities of Fighter Planes and Method of Their Determination (Boyevyye vozmozhnosti istrebiteley i metod

ikh opredeleniya).

PERIODICAL: Vestnik Vozdushnogo Flota, 1957, Nr 8, pp.16-20 (USSR)

ABSTRACT:

In order to utilize the power of fighter planes accurately. it is necessary to know their combat possibilities in execution of combat tasks in a concrete situation. However, there is no unity in the interpretation of the technical

term "combat possibilities of fighter planes". According to the authors, this technical term should represent only such an expected outcome which can be achieved during the execution of the given task, i. e., to inflict losses on the aerial enemy. The rate of combat possibilities of a single fighter plane or a fighter group must give the following answer - what kind of tasks they can accomplish or what results can be expected from the operation of a single fighter plane or a fighter group in a given combat

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situation. To determine accurately the combat possibilities of fighter planes, it is necessary to take into consideration

86-8-4/22 Combat Possibilities of Fighter Planes and Method of Their Determination (Cont.)

all the factors on which these possibilities depend. Unfortunately, at the present time, there is no such method which would permit taking into consideration all the possibilities. As is known, an aerial combat represents a combination of maneuver and fire. Therefore, the possibilities of destroying an aerial target depend on the favorable conditions which are introduced for the use of fighter plane weapons. Let us suppose that the flight speed of the enemy jet planes is 1,200 km/hour and their ceiling - 15,000 m. The friendly fighter planes are equipped with weapons the salvo per second of which is greater than that of the enemy airplane weapons. However, the performance data of friendly fighter planes are lower than those of the enemy airplanes (maximum speed of friendly fighters is 1,000 km/hour and combat celing - 12,000 m). Now the question is whether the fighter planes will be capable of beating off the enemy attack at an altitude of 14,000 - 15,000 m or at lower altitudes when the enemy flies at a maximum speed (1,200 km/hr) In the first place, the friendly fighter planes cannot beat off the enemy attack in spite of the fact that they are

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86-8-4/22

Combat Possibilities of Fighter Planes and Method of Their Determination (Cont.)

equipped with weapons of greater firepower than the enemy airplanes. Secondly, the execution of the given task will be limited, because the friendly fighters cannot use their weapons effectively. The main factors on which the achievement of fighters' superiority in an aerial combat depends, are the performance data of the airplane, namely, the maximum speed, the rate of climb, the service ceiling (prakticheskiy potolok), the time of brake and of acceleration up to the maximum speed, and the maneuverability in horizontal and vertical planes. Therefore, the superiority of a fighter plane over the aerial enemy in an aerial combat determines the possibility and the degree of the use of weapons mounted on the fighter plane. For the given conditions of gunnery, these possibilities are determined according to the firepower by taking into consideration the nature of the target, the conditions of aiming and firing, the effectiveness of ammunition, and the degree of the pilot's training. If the probability of hitting (W) and the degree of the fighter's superiority over the enemy (C) are known, the possibility of the fighter plane's destroying an aerial target (B) can be found according to the expression B = CW. Thus, in order to determine the

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Combat Possibilities of Fighter Planes and Method of Their Determination (Cont.)

possibilities of a fighter plane to destroy aerial targets, it is necessary to know the probability of hitting and the degree of superiority of the performance data of the fighter plane over the attacked target. For example, an aerial combat takes place between two fighters the performance data of which are: F₁, the speed - 1,100 km/hour, the maximum angular speed - 9 deg/sec, and the maximum rate of climb - 60 m/sec; F₂, the speed - 1,000 km/hour, the maximum angular speed - 10 deg/sec, and the maximum rate of climb - 60 m/sec. Both fighter planes have the same tactical conditions. The given performance data show that the fighter plane F₁ has 100 km/hour greater speed than the fighter F₂, but the angular speed of fighter F₂ is greater than that of fighter F₁ at 1 deg/sec. The degree of superiority C in relation to the fighter F₁ is the following:

$$c = \frac{1100 - 1000}{1000} - \frac{10 - 9}{9} + \frac{60 - 60}{60} \approx -\frac{1}{90}$$

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86-8-4/22 Combat Possibilities of Fighter Planes and Method of Their Determination (Cont.)

The degree of superiority C in relation to the fighter Fo gives the same magnitude, but with the plus sign. These computations show that in a maneuvering aerial combat, the fighter F2 has general superiority over the fighter F1. But if the fighter does not take part in the maneuvering combat, the fighter F2 cannot achieve a victory, because the fighter F_1 , having greater flight speed than the fighter F_2 , may avoid the effective fire of fighter F_2 . The degree of a fighter's superiority over an aerial target may exceed the unit when the transport airplane is attacked. However, the fighter's superiority over such a target does not increase the firepower, but determines only the degree of its use. If the degree of a fighter's superiority (C) over the enemy is equal to zero, the possibility of hitting the target, even at the great value of W, is also equal to zero, because $0 \times W = 0$. According to the authors, the criterion of combat possibilities of fighter planes represents their capacity to inflict a defeat which depends on the probability of hitting and on the degree of superiority of a fighter's performance data

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Combat Possibilities of Fighter Planes and Method of Their Determination (Cont.)

over the enemy airplane. The expected results of the fighter group action against the enemy during the execution of the given combat task can be found if the possibilities of a single fighter plane are known. If the general composition of the fighter group is denoted by NF and the ratio of active fighters to the general composition of the group - by K, the expected results of action of this group against the aerial enemy (N) will be:

 $N = BKN_F$ or $N = CWKN_F$,

where N is the number of destroyed enemy airplanes. According to the possible results of action and losses which must be inflicted against the enemy (N), in order to force it to refuse the execution of combat task (P_N P_N), it is possible to determine the combat possibility of the fighter group in beating off the air raid of bombers. The combat possibilities of fighter group can be expressed as follows: N β .

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86-8-4/22

Combat Possibilities of Fighter Planes and Method of Their Determination (Cont.)

The combat possibilities of fighter planes, e. i., the capacity to execute a concrete combat task in beating off the air raid of bombers, can be expressed by the function the air raid of bombers, the losses needed to beat CWKNF, where P_N % represents the losses needed to beat

off the enemy. Having the information about the composition of the enemy group, the number of active fighters, the possibilities of a single fighter plane, and the losses which must be inflicted against the enemy, it is possible to determine the number of fighter planes which should be used to execute the concrete combat task

$$N_F \times N = \frac{N_{pr} \times P_N}{CWK}$$
, where $N_F \times N$

is the number of fighters needed to execute the given task and $N_{\mbox{\footnotesize{pr}}}$ is the composition of the enemy group.

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Combat Possibilities of Fighter Planes and Method of Their Determination (Cont.)

On the basis of the above formula, it is possible to determine the combat possibilities of the fighter flight which would beat off an air raid of the enemy bombers. Let us suppose that the combat possibilities of each fighter plane to destroy the given type of enemy bomber corresponds to the value 0.9. Three fighter planes of the flight deliver the fire directly against the attacked target. In order to beat off the air raid, it is necessary to destroy 50% of the enemy bombers. For the given conditions, the following combat possibilities of the fighter flight are obtained:

$$\frac{0.9 \times 0.56 \times 0.75 \times 4}{0.5} = 3.$$

The obtained results show that a fighter flight composed of four planes may beat off an air raid of three enemy bombers. Thus, the suggested method for the determination of combat possibilities of fighter planes permits: a) taking into consideration such an important factor as

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Combat Possibilities of Fighter Planes and Method of Their Determination (Cont.)

the relation of performance characteristics of airplanes, and b) determining more accurately the expected results of operation of the fighter planes.

AVAILABLE: Library of Congress

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s/089/62/012/004/010/014 B102/B104

26.2243

//.3950 AUTHORS:

Yurova, L. N., Stepanov, S. B., Okorokov, V. V., Kudryashov,

Ye. I.

TITLE:

Some results of pulse measurements of the diffusion parameters

of organic liquids

PERIODICAL:

Atomnaya energiya, v. 12, no. 4, 1962, 331-332

TEXT: A pulsed source was used to measure the decrease constant α of thermal neutrons in $C_{12}H_{10}$ (100-250°C) and $C_{15}H_{16}$ (18-250°C). The measurements were carried out in a cylindrical tank with a Cd piston. The moderator above the piston served as an additional fast-neutron source. The geometrical parameter Ω was varied by means of the piston. The geometrical parameter Ω was varied by means of the piston. $\alpha = 1/T + D\Omega - (c_D - c_T)\Omega^2; T - \text{life-time with respect to absorption,}$ D - diffusion coefficient, c_D - coefficient of diffusion cooling, $c_T - \text{transport-theoretical correction; from D} = \overline{\lambda}_{tr} \overline{v_0}/3 \text{ which was obtained from the α-measurements, λ_{tr} was calculated for each temperature, when <math display="inline">Card 1/2$

Some results of pulse ...

S/089/62/012/004/010/014 B102/B104

assuming the thermal neutron spectrum as being Maxwellian and the mean neutron velocity $v_0 = \sqrt{2kT/m}$ (T - absolute temperature of the medium). From the curves $\bar{\lambda}_{tr} = f(v_0)$, $\bar{\lambda}_{tr} \sim v^{0..33\pm0..03}$ (diphenyl) and $\bar{\lambda}_{tr} \sim v^{1..58\pm0..12}$ (monoisopropyl diphenyl) was obtained. $\lambda_{tr}(v)$ also differs considerably for equally structured media. For diphenyl the neutron spectrum was most similar to the Maxwellian. Nelkin's method was used to determine c_0 when assuming weak dependence of λ_{tr} on the neutron energy $(\bar{\lambda}_{tr} \sim E^a$, α is a free parameter): $c_0 = (\alpha + 1/2)^2 \sqrt{\pi} \ D^2 / v^0 M_2$, where M_2 is the second moment of neutron energy. The calculated values agree with the measured ones within the limits of error. There are 2 non-Soviet references. The reference to the English-language publication reads as follows: M. Nelkin. J. Nucl. Energy, 8, 48 (1958).

SUBMITTED: July 14, 1961

Card 2/2

ACC NK: 1	EPF(n)-2/EWA(h)/EWT(m)/ETC(f)/EWG(m)/EWP(t) WW/JD/JG/GS AT6005817 SOURCE CODE: UR/0000/65/000/000/0085/0104
	Shikhov, S. B.; Ignatov, A. A.; Kudryashov, Ye. I. 47
ORG: none	The state of the s
TITLE: 1 fast bree	influence of the method of unloading the side screen of a der reactor on its doubling time
A A D T O D 'A T	Moscow. Inzhenerno-fizicheskiy institut. Nekotoryye iziki 1 tekhniki yadernykh reaktorov (Some problems in the nd engineering of nuclear reactors). Moscow, Atomizdat, 104
TOPIC TAG	S: breeder reactor, nuclear reactor characteristic, nuclear processing, uranium, plutonium
	By calculating theoretically the amount of secondary fuel in the screen of a breeder reactor always present in the etween the loading-unloading cycles (defined as the frozen, the authors show that the doubling period of the total

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ACC NR: AT6005817

sequence with which the screen breeder zone is replaced with fresh stacks of raw material. Three methods of fuel replacement are considered: 1) Moving screen, in which the innermost raw uranium blocks in which plutonium is formed first, are removed first and the outer blocks are continuously moved inward. 2) Stationary screen, where each block is replaced by a fresh one after a prescribed norm of plutonium is produced in it, regardless of its position in the reactor and without rearrangement of the blocks. 3) Two-zone moving screen, which is essentially a combination of the first two methods. The over-all rate of breeding and the breeding in the individual concentric layers of the reactor are calculated for the first method and expressions are obtained for the distribution of the plutonium over the reactor in the other two. The influence of the amount of frozenin plutonium on the doubling period, defined as the time elapsed before the newly produced excess fuel equals the total amount of fuel in the cycle, is determined and an equation is derived to establish the reloading method giving the best results. It is shown that the method of reloading becomes important the larger the norm of accumulation of plutonium in the raw uranium and the smaller the size of the active zone. Orig. art. has: 3 figures and 45 formulas.

SUB CODE: 18 / SUBM DATE: O5Jun65/

SOURCE CODE: UR/0000/66/000/000/0234/0236 ACC NR: AT6036599

AUTHOR: Kudryashov, Ye. I.; Marennyy, A. M.; Popov, V. I.; Portman, A. I.; Solyanov, B. I.; Sychkov, M. A.

ORG: none

TITLE: A method of irradiating biological objects on a multicharge ion accelerator Paper presented at the Conference on Problems of Space Medicine held in Moscow from 24-27 May 1966] SOURCE: Konferentsiya po problemam kosmicheskoy meditsiny, 1966. Problemy kosmicheskoy meditsiny. (Problems of space medicine); materialy konferentsii, Moscow, 1966, 234-236

TOPIC TAGS: ion accelerator, synchrocyclotron, ionizing radiation biologic effect, radiation tissue effect

ABSTRACT:

RBE values for heavy ions can be determined from experiments with irradiation of tissue and plant cultures. RBE determinations are necessary for calculations of the total dose received by cosmonaut and life-support system on a long spaceflight. At present the RBE values for heavy ions are set at 20-30, indicating the great radiation hazard presented by galactic rays.

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CIA-RDP86-00513R000827210006-5 'APPROVED FOR RELEASE: 07/12/2001

ACC NR: AT6036599

Experiments were conducted on the U-150 cyclotron at Dubna, which produces beams of accelerated carbon, nitrogen, and oxygen atoms with energies around 7 Mev per nucleon with currents up to 10 µamp. Irradiation of biological objects in these direct beams is impossible, since the dose power would be measured in megarads. In order to decrease the dose power to 2-5 rad/sec, the required level for irradiation of biological objects, a special device was used. The ion flux was decreased 106 times by the process of scattering heavy ions on gold foil (1-2 μ thick) fixed in a vacuum chamber. The angle between beams of primary and scattered ions reached 90°. This arrangement ensured convenience of operation and the necessary uniformity of the radiation field with respect to intensity and ion energy.

A special collimator (consisting of a system of concentric sleeves) was used to further equalize the radiation field. The collimator produces some decrease in the dose power received by the biological object, which can be compensated by increasing ion currents. Irradiation monitoring was accomplished with a special ion current integrator.

During ion scattering on gold foil secondary electrons are generated, which have a spectrum with a maximum in the region of 3 kev for a 60 Mev

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ACC NR: AT6036599

energy of the incident ion. A mylar film 5 μ thick which divided the vacuum part of the chamber from atmospheric air was used for electron absorption. Calculations showed that the contribution of secondary radiation to the total dose absorbed by the biological object did not exceed 1%.

Since the experimental biological objects were not more than $5-10~\mu$ thick, their absorbed dose was calculated by ionization losses in polyethylene, a substance with braking ability similar to moist tissue. (W. A. No. 22; ATD Report 66-116)

SUB CODE: 06,20 / SUBM DATE: 00May66

Card 3/3

KUDRYASHOV, Yo.I., laureat Stalinskoy premii; DOLOTOV, M.N.; SAVEL'YEV, I.P.

[UKT-: "coal cutter-loader for flat seams] Ugol'nyi kombain UKT-1 dlia tonkikh pologopadsiushchikh plastov. Moskva, Ugletekhizdat, 1953. 207 p.

(Coal mining machinery)

KULRYASHOV, Yevgeniy Ivanovich, Dolotov, Mikhail Nikitovich, SAVEL'YEV, Ivan
Petrovich, SHCHOKHOVA, A.V., otv.red.; IOHILINA, L.H., tekhn.red.

[UKT-2 and UKT-2m cutter-loaders] Ugol'nye kombainy UKT-2 i UKT-2m.

Moskva, Ugletekhizdat, 1958. 191 p.

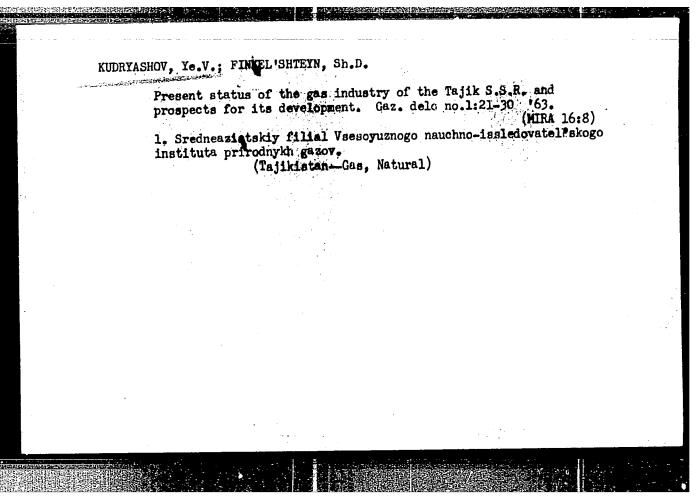
(Coal mining machinery)

KUDRYASHOV, Yevgeniy Ivanovich; GRIGOR'YAN, Khoren Mikhailovich; SOKOLOV,
A.I., otv. red.; ABARBARCHUK, F.I., red. izd-va; LOMILINA, L.N.,
tekhm. red.

[KTsT coal cutter-loader] Ugol'nyi kombain KTsT. Moskva, Gos.
nauchno-tekhn. izd-vo lit-ry po gornomu delu, 1961. 81 p.

(MIRA 14:10)

(Coal mining machinery)



ZHUKOVSKIY, L.G.; KUDRYASHOV, Ye.V.

Gazli, a new large oil-and-gas field in the Uzbek S.S.R. Sov.
geol. 1 no.11:154-155 N '58. (MIRA 12:4)

1. Trest Uzbekneftegasorazvedka Glavgeologii Uzbekskoy SSR.

(Uzbekistan--Oil fields)

KUDRYASHOV, Ye.V.; FINKEL'SHTEYN, Sh.D.; KUZ'MUK, L.G.

Kichik-Bel', a new oil field in Tajikistan. Neftegaz. geol. o geofiz. no.8:11-13 '63. (MIRA 17:3)

1. Sredneaziatskiy filial Vsesoyuznogo nauchno-issledovatel'skogo instituta prirodnogo gaza i Tadzhikskoye geologicheskoye upravleniye.

B! BADAGLY , V.A.; RAVIKOVICH, Kh.A.; KUDRYASHOV, Ye.V.; ATAULLHI, E.I.: Prinimali uchastiye GONCHAROV, E.S.; IONINA, I.N., ved. red.

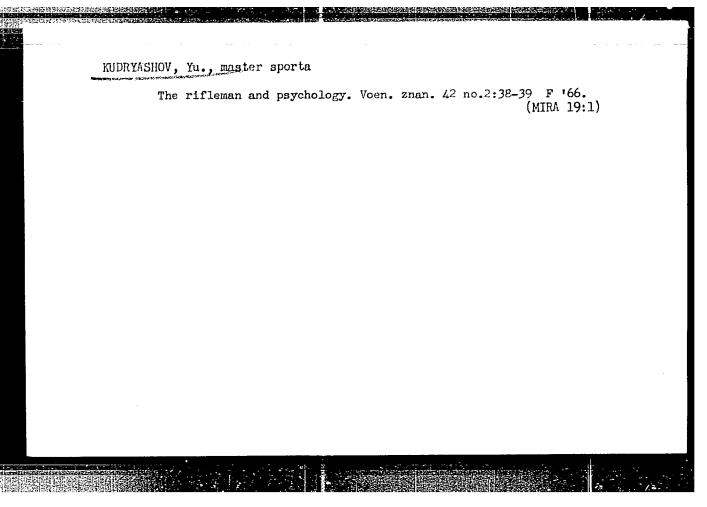
[Lithology, tectonics, and oil and gas potentials of the northeastern margin of the Fergana Depression] Litologiia, tektonika i neftegazonostost' neogenovykh otlozhenil severo-vostochnogo borta Ferganskoi depressii. [By] V.A. B. badagly i dr. Leningrad, Nedra, 1964. 181 p.

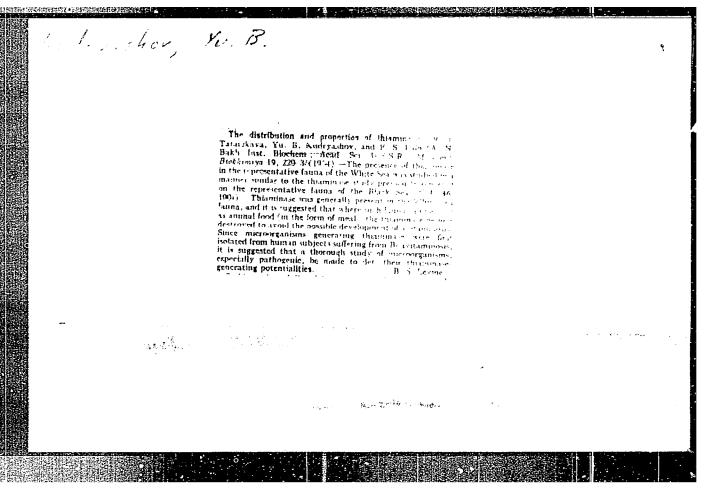
(MIRA 18:3)

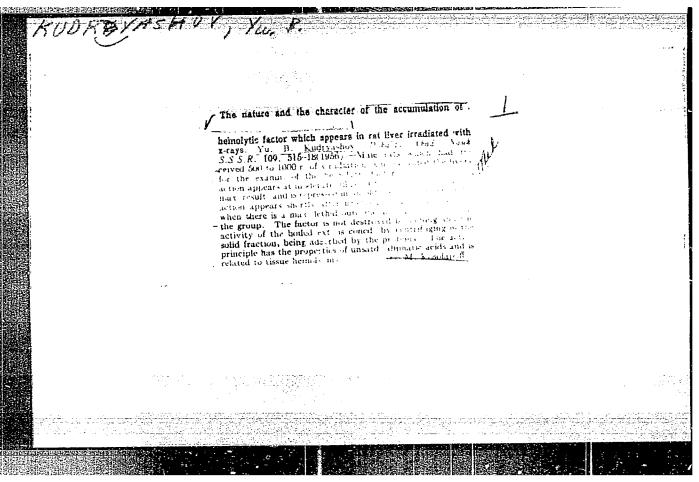
1. Vsesoyuznyy nauchno-issledovatel'skiy institut prired-nykh gazov. Sredneaziatskiy filia

KUDHYASHOV, Yu., master sporta

The rifleman and psychology. Voen. znan. 42 no.1:38 Ja '66.
(MIRA 19:1)







BURLAKOVA, Ye.V.; KUDRYASHOV, Yu.B.

Dosage-mortality in rats given garma irradiation. Nauch.dokl.vys.
shkoly; biol.nauki no.2:95-100 '59. (MIRA 12:6)

1. Rekomendovana kafedroy biofiziki Moskovskogo gosudarstvennogo
universiteta im. M.V. Lomonosova.

(CAMMA RAYS...PHYSIOLOGICAL EFFECT)

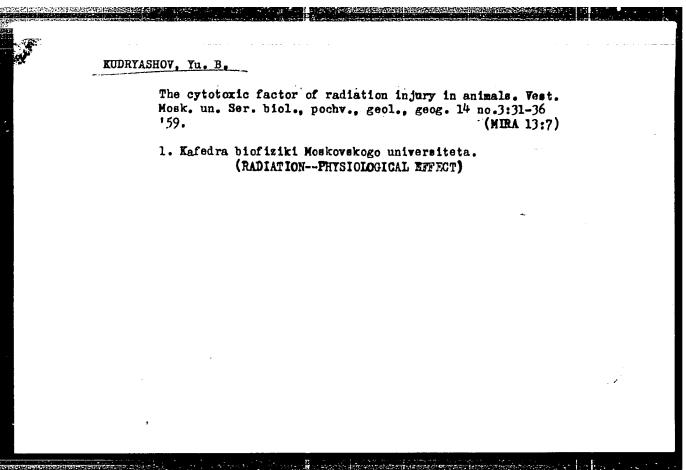
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KUDRYASHOV, Yu.B.; KAKUSHKINA, M.L.

New method of determining the activity of tissular hemolysins. nauch. dokl. vys. shkoly; biol. nauki no.4:85-89 '59. (MIRA 12:12)

l.Rekomendovana kafedroy biofiziki Moskovskogo gosudarstvennogo universiteta im. M.V. Lomonosova.

(HEHOLYSIS AND HEMOLYSINS)



KRIGER, Yuriy Arkad'yevich; KUDRYASHOV, Yuriy Borisovich; MISHINA, Z.A., red.; YERMAKOV, M.S., tekim. red.

[Electrokinetic phenomena in biology; lectures in a course of biophysics] Elektrokineticheskie iavleniia v biologii; leitsii po kursu biofiziki. Moskva, Izd-vo Mosk. univ., 1960. 34 p. (MIRA 14:7)

(Electrophysiology)

BURLAKOVA, Ye.V.; GONCHARENKO, Ye.N.; KUDRYASOV, Yu.B.

Physiochemical changes in the erythrocytes of rats in different forms of radiation injury. Nauch.dokl.vys.shkoly: biol.nauki no.4:107-113 *60. (MIRA 13:11)

1. Rekomendovana kafedroy biofiziki Moskovskogo gosudarstvennogo universiteta im. M.V.Lomonosova i laboratoriyey fiziologii Instituta biofiziki AN SSSR.

(ERYTHROCYTES) (GAMMA: RAYS--PHYSIOLOGICAL EFFECT)

BURLAKOVA, Ye.V.; GONCHARENKO, Ye.N.; KUDRYASHOV, Yu.B.

Effect of cysteine on changes in the physicochemical state of erythrocytes in irradiated rats. Nauch. dokl. vys. shkoly; biol. nauki no. 1:99-102 '61. (MIRA 14:2)

1. Rekomendovana kafedroy biofiziki Moskovskogo gosudarstvennogo universiteta im. M.V. Lomonosova i laboratoriyey fiziologii Instituta biofiziki AN SSSR.

(CYSTEINE) (ERTHROCYTES) (RADIATION PROTECTION)

KUDRYASHOV, Yu.B.; MAL'TS, V.; GONCHARENKO, Ye.N.; KAKUSHKINA, M.L.;

LOMSADZE, B.A.; SIN VEN'-DYUAN'; SYUE YUY-KHUA [Hsüeh Yü-hua];

CHZHAN CHZHEN'-LYAN'

Toxic effect of oleic acid and its oxidation products; cytotoxic factor in radiation injury of animals. Radiobiologiia 1 no.1:78-85 '61. (MIRA 14:7)

1. Moskovskiy gosudarstvennyy universitet, kafedra biofiziki.
(RADIATION—PHYSIOLOGICAL EFFECT)
(OLEIC ACID—TOXICOLOGY)

KUDRYASHOV, Yu.B.

Toxic affect of oxidized oleic acid on yeast cells. Dokl. AN SSSR 139 no.4: 991-993 Ag '61. (MIRA 14:7)

1. Moskovksiy gosudarstvennyy universitet im. M.V. Lomonosova. Predstavleno akademikum V.N. Shaposhnikovym.
(Oleic acid) (Yealt) (Gamma rays—Physiological effect)

Redominetic Effect of the Ordenion Products of Consumerated Futty
Action to Various Biological Systems and Objects

Yu. B. Kodernborg, G. I. Gasson, M. N. Gencharrako,
S. F. Korder, N. E. Labria, B. A. Lomaside.

Lyu Rabat, Sysu Valkhors, and G. P. Fileson

Ordisation products of cloic acid sected a view on enzyme systems responsible for the Geometric ordenia and the state of the analysis rescaled. National control of the analysis rescaled.

Ordisation products of cloic acid sected a view on enzyme systems responsible for the Geometric analysis. In inspect. They inhibited the analysis rescaled. Unrabled of very very earlierd first of the control of the contr

Radiomimetic properties of oxidized oleic acid. Nauch. dokl. vys. shkoly; biol. nauki no.1:102-104 62. (MIRA 15:3)

1. Rokomendovana kafedroy biofiziki Moskovskogo gosudarstvennogo universiteta im. M.V. Lomonosova.

(OLEIC ACID)
(TOXINS AND ANTITOXINS)

BURLAKOVA, Ye. V.; GONCHARENKO, Ye. N.; KUDRYASHOV, Yu. B.

1. Rekomendovana kafedroy biofiziki Moskovskogo gosudarstvennogo universiteta im. M. V. Lomonosova i laboratoriyey fiziologii Instituta biofiziki AN SSSR.

(ERYTHROCYTES) (OLEIC ACID)

KUDRYASHOV, Yu.B.; LOMSADZE, B.A.

Autolysis of liver proteins in rats after intraperitoneal introduction of oxidized cleic acid. Radiomimetic characteristics of oxidized cleic acid. Vest. Mosk. un. Ser. 6: Biol., pochv. 17 no.5:24-26 S-0 '62. (MIRA 15:11)

1. Kafedra biofiziki Moskovskogo universiteta.
(Oleic acid)
(Radiomimetic substances)

KUDRYASHOV, Yuriy Borisovich, Prinimali uchastiye: KOZLOV, Yu.P.;
SUMARUKOV, G.V.; TOLKACHEVA, Ye.N.; RYABCHENKO, N.V.; TARUSOV, B.N., red.;
CHERKASOVA, V.I., red.; MURASHOVA, V.A., tekhn. red.

[Laboratory work in general biophysics in eight volumes]
Praktikum po obshchei biofizike v vos'mi vypuskakh. Pod
obshchei red. B.N. Tarusova. Moskva, Vysshaia shkola.
No.7. [Radiobiology; radiation injury of biological objects
under the effect of a single whole body X-ray or gamma irradiation] Radiobiologiia; luchevoe porazhenie biologicheskikh
obnektov pri deistvii obshchego odnokratnogo rentgenovskogo
ili gamma-oblucheniia. 1962. 273 p. (MIRA 16:4)
(RADIOBIOLOGY—LABORATORY MANUALS)

Toxic effect of intermediate products of oxidated oleic acid on yeast cells. Dokl. AN SSSR 143 no.6:1453-1454 Ap '62.

(MIRA 15:4)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova.

Predstavleno akademikom N.M.Sisakyanom.

(Oleic acid—Toxicology) (Yeast)

KUDRYASHOV, Yu.B.; GASANOV, G.I.

Role of oxygen in the effect of a radiomimetic substance (oxidized cleic acid) on yeast cells. Dokl.AN SSSR 144 no.2:443-445 My 162. (MIRA 15:5)

1. Moskovskiy gosudarstvennyy universitet im. M.V.Lomonosova. Predstavleno akademikom A.I.Oparinym.
(Oleic acid) (Yeast) (Oxygen)

Effect of oxidised eleic acid on the amount of formed blood elements and chamber in rat erythrograms. Nauch.dokl.vys. shkoly; biol.nauki no.2z109-114, 163. (MIRA 16:4)

1. Rekomendovana kafedroy bidfiziki Moskovskogo gosudarstwennogo universiteta in. M.V. Lomonosova i Laboratoriyey fiziologii Instituta biologicheskoy fiziki AN SSSR. (OLEIC ACID) (ELOOD CELLS) (RADIOMIMETIC SUBSTANCES)

KIDRYASHOV, Yu.B.; MAL'TS, V.

Primary toxic substances in radiation injury of animals; toxic properties of oxidized oleic acid. Trudy MOIP. Otd. biol. 7:84-92 '63.

(MIRA 16:11)

SUMARUKOV, G.V.; KUDRYASHOV, Yu.B.

Potentiometric determination of the effectiveness of the protective action in cysteamine in mico. Med. rad. 8 no.6: 42-44 Je 163. (MIRA 17:4)

1. Iz Moskovskogo universiteta imeni Lomenosova.

KUDRYASHOY, YU. B.

PROTECTION AGAINST RADIOMIMETIC EFFECT OF OLEIC ACID OXIDATION PRODUCTS BY ANTIRADIATION DRUGS (USSR)

Kakushkina, M. L., N. P. Korolev, and Yu. B. Kudryashov. IN: Akademiya nauk SSSR. Doklady, v. 149, no. 4, 1 Apr 1963, 973-975.

S/020/63/149/004/024/025

The effect of cysteamine, cysteine, cystineamine, and AET on radiomimetic hemolysis, induced in γ-irradiated (100 to 1000 kr) erythrocytes by incubation with various concentrations of oxidized oleic acid, was experimentally investigated. Post-incubation erythrograms showed an increase in the number of erythrocytes and a decrease in their stability. These effects are similar to those produced by ionizing radiation damage. The addition of cysteamine eliminates these changes almost completely in the case of ionizing radiation injury. The erythrograms of erythrocytes incubated with oxidized oleic acid in the presence of cysteamine showed the latter to have a protective effect in this case as well. AET afforded the greatest protection against both radiation and Card 1/2

PROTECTION AGAINST RADIOMIMETIC EFFECT [Cont'd] \$\sigma_020/63/149/004/024/025\$

radiomimetic effects, while \alpha - amine gave no protection in either case. Cystineamine gave unequal protection against radiation and radiomimetic effects. The data indicate that the oxidation products of unsaturated fetty acids participate in the primary radiation reactions of biological objects. Erythrograms of the effects of radiomimetic agents are useful for rapid preliminary evaluation and selection of antiradiation agents. [AB]

BURLAKOVA, Yelena Vladimirovna; VLADIMIROV, Yuriy Andreyevich;
KOLIS, Ol'ga Romanovna; KRIGER, Yurly Arkad'yevich;
KUDRYASROV, Yuriy Borisovich; LITVIN, Feliks Fedorovich;
KUDRYASROV, Yuriy Grigor'yevich; CHERKASOVA, V.I., red.

[Laboratory work in biophysics] Malyi praktikum po biofizike.
[By] E.V.burlakova i dr. Moskva, Vysshaia sikola, 1951.

(MIRA 18:3)

GONCHARENKO, Ye.N.; KUDRYASHOV, Yu.B.

Mechanism of the radiomimetic effect of the oxidized oleic acid on the animal organism. Nauch. dokl. vys. shkoly; biol. nauki no. 2:88-90 '64. (MIRA 17:5)

l. Rekomendovana kafedroy biofiziki Moskovskogo gosudarstvennogo universiteta im. M.V.Lomonosova i Institutom biofiziki AN SSSR.

s/0205/64/004/004/0632/0637

ACCESSION NR: AP4043219

AUTHOR: Kakushkina, M. L.; Kudryashov, Yu. B.; Rachinskiy, F. Yu.; Dmitriyeva, N. G.

TITLE: The use of radiomimetic (erythrocytic) models for studying the potential radioprotectors of the thiazolidine group

SOURCE: Radiobiologiya, v. 4, no. 4, 1964, 632-637

TOPIC TAGS: radiation protection, radiomimetic model, thiazolidine, oleinic acid, erythrocyte

ABSTRACT: Thiazclidine derivatives in 0.02-M concentrations were selected as potential radioprotective agents. In each test, the comparative effectiveness of mercamine on irradiated human crythrocytes was studied. Oxidized oleinic acid with standard toxicity was employed as the radiomimetic agent. Preparation of the solutions and their addition to the crythrocytes took place immediately before and their addition to the erythrocytes took place immediately before the tests. It was determined that oleinic acid destroyed half the crythrocytes in 1.5-2.0 minutes. The hemolytic activity of oleinic acid was established after crythrocytes were washed in a potassium

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ACCESSION NR: AP4043219

hydroxide bath (0.05 M) and a phosphate buffer (pll 7) was added. The effectiveness of potential radioprotectors was evaluated as a function of decreased hemolysis rate. The comparative ability of compounds to protect against the effects of oleinic acid was established by irradiating the erythrocytes with gamma rays from a GUT-Co-400 in 100-1000-kr doses. The criterion for crythrocyte damage under these conditions was the time it took to destroy half of them with respect to the controls. It was found that thinzolidine derivatives exerted a protective influence against the effects of gamma radiation and oleinic acid and that the mechanism of this influence depended upon the character of the radicals in the displacement of hydrogen atoms. The authors conclude that radiomimetic models can be employed for preliminary evaluation of aminothiole-type radioprotectors or those compounds which possess the ability to form aminothioles. Orig. art. has: 2 figures and 2 tables.

ASSOCIATION: none

SUBMITTED: 25Nov63

ATD PRESS: 3087 ENCL: 00

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Card 2/2

BURLAKOVA, Ye.V.; GONCHARENKO, Ye.N.; KUDRYASHOV, Yu.B.

Change in the crythrograms of rats subjected to the action of embichine, ar artificial radiomimetic substance. Vest. Mosk. un. Ser. 6: Brol., poohv. 19 no.5:18-21 S-0 '64.

(MIRA 17:12)

1. Kafedra biofiziki Moskovskogo universiteta.

ACCESSION NR: AP4035823

8/0020/64/156/001/0191/0193

AUTHOR: Kudryashov, Yu. B.; Baltbarzdy*s, Z.; Is Dak L'yeu

TITIE: On the possibility of an indirect effect of ionizing radiation in lipid solution. Radiolysis of beta carotene in oleic acid

SOURCE: AN SSSR. Doklady*, v. 156, no. 1, 1964, 191-193

TOPIC TAGS: beta carotene, beta carotene lipid solution, beta carotene oleic acid solution, beta carotene radiosensitivity, non linear radiosensitivity, carotene radiation stability, carotene butanol solution, carotene ether solution

ABSTRACT: Radiation-induced oxidation of the title compound was compared with radiolysis of crystalline s-carotene, and its solutions in petroleum ether and in butanol, following a single irradiation with various Y-ray doses of various carotene concentrations. The non-oxidized content of s-carotene was determined colorimetrically one minute after irradiation. The latter's effect on frozen samples (cooled in liquid nitrogen to -1960) was also tested. Only freshly prepared solutions were used throughout the experiment. The results are graphed and show crystalline carotene to have high radiation stability (115 with 1.10° kilo-

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ACCESSION MR: APMO35823

roentgen). This decreased considerably in the solutions observed, more so with oleic acid than with the other 2 solvents, the first showing non-linear, the latter linear dependency upon dose. At equal doses, decreased dose size per minute increased this radiosensitivity which also increased with increasing oleic acid oxidation. Thus, this solvent might be a useful dosimetric tool. The results also point toward the presence of active intermediate products. This view is also supported by comparing results obtained with frozen solutions and various carotene concentration. Frozen solutions in general showed high radiostability, which was again non-linear with the oleic acid. The dependence of butanol and ether solution reactions upon concentration was again linear. The oleic acid solutions showed a dilution effect not observed with the 2 other solvents but observed earlier for equeous solutions, i.e. at low concentrations and equal radi ation doses the number of changed molecules depends upon exposure rather than concentration. "The authors wish to thank Professor B. N. Tarusova for helping with this work. ... "The authors wish to thank E. S. Zhdanovich for placing the carotene at their disposal (the preparation is synthesized crystalline & -carotene; ChoH56, molecular weight 536.8; maximal absorption of the petroleum ether solution

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GASANOV, G.I.; KUDRYASHOV, Yu.B.

Action of some toxic and radiominetic substances on yeast cells. Nauch. dokl. vys. shkoly; biol. nauki no.1:84-90 '65.

(MIRA 18:2)

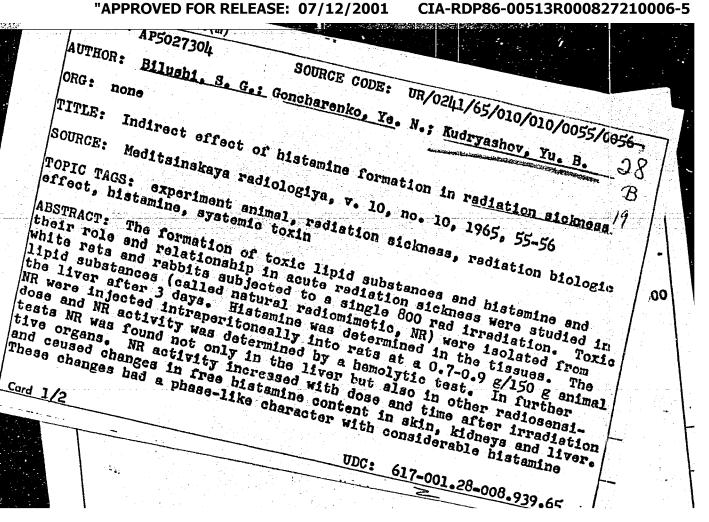
l. Rekomendovana kafedroy biofiziki Moskovskogo gosudarstvennogo universiteta.

DOROZHINSKIY, V.B.; KUDRYASHOV, Yu.B.; LOMOVA, M.A.

Distribution of carbon-labeled oleic acid in the animal organism.
Nauch.dokl.vys.shkoly; biol.nauki no.3:77-80 '65.

1. Rekomendovana kafedroy biofiziki Moskovskogo gosudarstvennogo universiteta.

(MIRA 18:8)



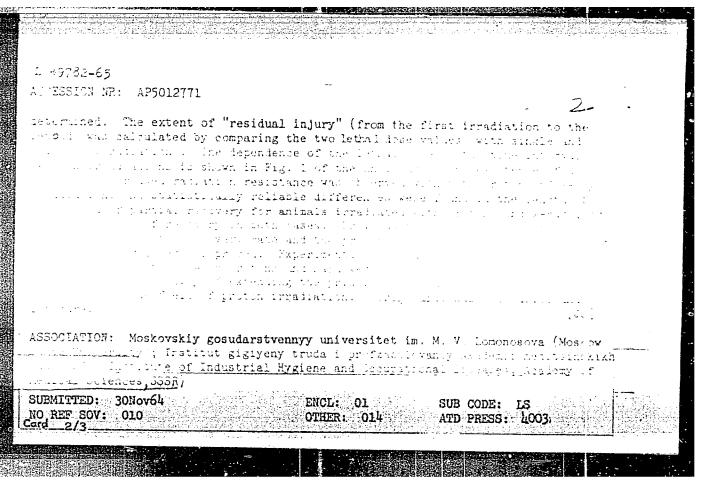
BURLAKOVA, Ye.V.; GONCHARENKO, Ye.N.; KUDRYASHOV, Yu.B.

Comparative toxic effect of histamine and the product of oxidation of oleic acid on the blood. Vest. Mosk. un. Ser. 6: Biol., pochv. (MIRA 19:1)

1. Kafedra biofiziki Moskovskogo gosudarstvennogo universiteta.

Submitted November 17, 1964.

L 49782-65 EWT(m) ACCESSION NR: AP5012771 UR/0020/65/161/006/1448/145-AUTHOF: Konoplyannikov, A. G.; Kudryashov, Yu. B.; Yarmonenko, S. P. 20 Hillm. Effectiveness of recovery of mice following their exposure to 660-Mev protons SOURCE: AN SSSR. Doklady, v. 161, no. 6, 1965, 1448-1450 TOPIC TAGS: proton irradiation, mouse, lethal dose, radiation sickness, radiation Experiments were conducted to determine the postradiation recovery of ABSTRACT: animals after irradiation with x-rays and 660-Mev protons. The experimental animals were 360 male white mice, weighing 19-22 g. They were irradiated with returns on a synchrocyclotron (dose power 300-400 rad/min) and with x-rays on a 180-kv unit (dose power 30 rad/min). The degree of radiation injury was determined by calculating the 50% lethal dose for 30 days after irradiation. After this preliminary determination, two large groups of mice were irradiated with half the lethal does (580 and 295 rad, respectively, for protons and x-rays). Two, 6, 13, and 20 days after this primary irradiation, groups of 120-150 mice received in additional dose of x-rays, and the lethal dose after secondary irradiation was



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L_28905-66 EWT(1)/EWT(m) SCTB DD ACC NR: AP6019162 (A.N) SOURCE CODE: UR/0325/66/000/001/0087/0089

AUTHOR: Bulushi, S. G.; Goncharenko, Ye. H.; Kudryashov, Yu. B.

ORG: Department of Biophysics, Moscow State University im. N. V. Lomonosov (Kafedra biofiziki Moskovskogo gosudarstvennogo universiteta)

TITIE: Effect of "natural radiomimetics," ionizing radiation and vibration on variation in the level of histomine in rat tissues

SOURCE: Nauchnyye doklady vysshey shkoly. Biologicheskiye nauki, no. 1, 1966, 87-89

TOPIC TAGS: histamine, ionizing radiation, rat

ABSTRACT: The article presents the results of experimental verification of the authors' hypothesis that the histamine content in animals varies as a result of "natural radiomimetics," toxic substances formed as a result of radiation, and results of a study of the comparative effect of various agents — chemical (natural radiomimetics) and physical (radiation and vibration) — on variation in the content of free histamine in animal tissues. Preparations of natural radiomimetics evoked reliable changes in the content of free histamine in the tissues studied: skin, kidneys, and liver. These changes are phased: in the initial period of injury, after injection of natural radiomimetics, there is a sharp increase in histamine content, and in the terminal period there is a drop in the free histamine level below the norm. There is a similarity in dynamics of the free histamine level as a Cord 1/2

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ACC NR: AP6012874

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AUTHOR: Kudryashov, Yu. B.; Kakushkina, M. L.; Mekhtiyeva, S. M.; Rachinskiy, F. Yu. Sumarukov, G. V.; Filenko, O. F.

ORG: <u>Moscow State University im. M. V. Lomonosov</u> (Moskovskiy gosudarstvennyy universitet)

TITLE: Comparative evaluation of the protective activity of potential radioprotective agents (Bunte salts) on various biological models

SOURCE: Radiobiologiya, v. 6, no. 2, 1966, 272-277

TOPIC TAGS: radioprotective agent, radiation biologic effect, experiment animalmouse, 64000

ABSTRACT: It has been postulated that the aminoalkylthiosulfuric acids or Bunte salts can be hydrolized in vivo to yield radioprotective aminoalkylthiols. In order to confirm this and develop a means of testing potential radioprotective agents against in vitro models, the activity of 7 of these salts was compared with that of 3 known radioprotective agents in male white mice irradiated with 200 — 1000 rad, and in intact human erythrocytes,

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L 31096-66 EWI(d) ACC NR AP6022781 UR/0301/66/012/002/0147/0150 SOURCE CODE: AUTHOR: Kakushkina, M. L.; Kudryashov, Yu. B.; Sivkova, V. G.; Skulachev ORG: Biological-Soil Faculty, Moscow State University im. M. V. Lomonosov (Biologopochvennyy fakul'tet Moskovskogo gosudarstvennogo universiteta) TITLE: Mechanism of disturbance of oxidative phosphorylation in <u>irradiated</u> animal tissuos SOURCE: Voprosy meditsinskoy khimii, v. 12, no. 2, 1966, 147-150 TOPIC TAGS: radiation biologic effect, phosphorylation, rabbit, oxidation, fatty acid, oxidation, kinetics, cleic acid, cell physiology, biologic respiration, reaction mechanism ABSTRACT: Experimental evidence previously presented indicated that the oxidation products of fatty acids possess radiomimetic properties and are highly reactive compounds which cause the development of pathologic processes in an irradiated organism. It may be assumed that the formation of these active compound have a definite effect on the energy mechanisms of the cells. The functional activity of mitochondria in the presense of the oxidation products of fatty acids and lipids isolated from the tissues of irradiated animals was studied. The functional activity of the mitochondria was determined by measuring the ratio of phosphorylated to free oxidation in them, the P/O ratio. Upon adding oleic acid to mitochondria, the P/O ratio dropped with an increase in acid Card 1/2 UDC: 617-001.28-008.921.8

L 31096-66 ACC NR: AP6022781

concentration. Analysis of the results of individual measurements of the rates of oxidation and phosphorylation indicated that when the cleic acid content in the reaction mixture is increased, the phosphorylation process is suppressed. The respiration rate of mitochondria remained constant in a wide range of concentrations but decreased with very high contents of cleic acid.

The inhibition of phosphorylation in conjunction with respiration was also observed in the acetone fraction of lipids from rabbit liver irradiated with a dose of 1,000 roentgens. Thus, in the tissues of the irradiated animals, compounds of the lipid nature are present which inhibit the oxidative phosphorylation process. The addition of serum albumin considerably activates oxidative phosphorylation. The conjugating effect of albumin confirms the fact that the disruption of phosphorylation caused by the lipids in the liver of irradiated animals depends on the presence of free unsaturated fatty acids. Orig. art. has: 3 figures. [JPRS]

SUB CODE: 06 / SUBM DATE: 30Aug64 / ORIG REF: 008 / OTH REF: 006

Card 2/2 0

SOURCE CODE: UR/0321/66/027/002/0145/0162 L 38902-66 ENT(m) (A) ACC NR: AP6029553 AUTHOR: Konoplyannikov, A. G.; Kudryashov, Yu. B. ORG: Department of Biophysics, Faculty of Biology and Soil Science, Moscow State University (Kafedra biofiziki biologo-pochvennogo fakul'teta Moskovskogo gosudarstvennogo universiteta) fission neutrons, gamma- and TITE: Biological effect of high-energy protons, x-rays on animals SOURCE: Zhurnal obshchey biologii, v. 27, no. 2, 1966, 145-162 TOPIC TAGS: radiation biologic effect, physiologic parameter, experiment animal, blood, radiation sickness, gastrointestinal tract, circulatory system The authors conducted experiments to study the biological effect of 660 Mev protons, cobalt-60 gamma rays, x-rays with a maximum voltage of 180 kv, and fission neutrons. The high-energy proton source used was the synchrocyclotron of the Nuclear Problems Laboratory of the Joint Institute for Nuclear Research (Dubna). The fission-neutron source was an IBR-type atomic reactor of the Neutron Physics Laboratory of the same institute. The gamma-ray source was the GUT Co-400. The x-ray source was the RUT-3-20-200. The experimental animals were mice and rats of mixed strains and chinchillas. The indices employed were: mortality of the animals, changes in body weight and the weight of individual organs (spleen, Card 1/3

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ACC NR: AP6029553

small intestine, testicles), changes in the number of leukocytes in the blood and the number of bone marrow cells, erythrogram changes, changes in the autolysis rate, certain changes in the lipids (the formation of lipid radiotoxins), and postradiation recovery in the mice.

A comparison of various manifestations of radiation damage to animals exposed to ionizing radiation with various values of the linear energy transfer (LET) confirms the similarity of the biological effect of 660 Nev protons, x- and gamma-irradiation, and fission neutrons. This similarity is manifested by the radiation damage caused by different forms of radiation in lethally equivalent doses (taking the RBE calculated according to LE_{50/30}) and is found primarily in the study of changes in the hemopoietic organs and blood picture. No substantial differences were found in the level of initial changes or in the dynamics of the subsequent development of radiation damage or in the postradiation recovery effect in the case of a nonlethal radiation dose. The phenomenon of elevated radioresistance observed after nonlethal doses of irradiation is assumed to reflect the state of hyperfunction of radiosensitive

Card 2/3

L 38902-66

ACC NR: AP6029553

(primarily the hemopoietic) organs which occurs during the recovery process. The intestinal form of damage was found to be more pronounced in the case of densely ionizing radiation than in the case of sparsely ionizing radiation. The change in the correlation between the radiosensitivity of the hemopoietic organs and that of the intestine is believed to express the general radiobiological regularity that with an increase in the LET there is a decrease in differences in the radiosensitivity of individual organs and tissues. The RBE values obtained for animal mortality in the experiments can be described by the empirical formula RBE $\approx 0.7 + 0.06$ LET, where therapeutic x-rays are taken as a standard radiation with RBE = 1.0 and the LET value is taken in units of kev/μ . Orig. art. has: 3 figures and 8 tables. [JPRS: 36,932]

SUB CODE: 06 / SUBM DATE: 13Sep65 / ORIG REF: 060 / OTH REF: 035

Card 3/3 100~

3/146/60/003/05/15/01 B019/B054

18.8400

Gorodinskiy, G. M., Kudryashov, Yu. 7. AUTHORS:

TITLE:

Reflectometer for the Control of Roughness of Ground

Metal Surfaces

PERIODICAL:

Izvestiya vysshikh uchebnykh zavedeniy. Priborostroyeniye,

1960, Vol. 3, No. 3, pp. 104 - 107

The reflectometer described here is intended for controlling plane and cylindrical surfaces produced by external grinding machines. The control is based on the assumption that the surface is an irregular, reflecting diffraction grating (Fig. 1). The quality of surface is judged by the intensity of the photographic or photoelectric diffraction images. In the instrument described, the light beam falls under 850 on the surface to be investigated, and is reflected. The optical equipment is discussed with the aid of the sketch in Fig. 1; Fig. 2 shows a photograph of the entire device. Steel samples produced by the Vsesoyuznyy nauchno-issledovatel'skiy institut shlifovaniya i abrazivov (All-Union Scientific Research Institute of Grinding and Abrasives) were used in

Card 1/2

Reflectometer for the Control of Roughness of Ground Metal Surfaces

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testing the suitability of the instrument described. A table lists have which show that the instrument is highly sensitive. Some indications as to the applicability of the instrument are given. The publication of this article was recommended by the Kafedra spektral nykh i optikofizicheskikh priborov (Chair of Spectral and Optical and Physical Instruments). There are 3 figures, 1 table, and 3 Soviet references.

ASSOCIATION: Leningrad institut tochnoy mekhaniki i optiki

(Leningrad Institute of Precision Mechanics and Optics)

SUBMITTED:

February 2, 1960

Card 2/2

GORODINSKIY, G.M.; KUDRYASHOV, Yu.V.

Photometer for checking the cleanliness of the surfaces of polished industrial glass and mirrors. Stek. i ker. 19 no.7: 16-17 J1 '62. (MIRA 15:7) (Photometers) (Glass--Testing) (Mirrors)

ACC NR: AP6035900 (A) SOURCE CODE: UR/0413/66/060/020/0141/0142	
INVENTOR: Dmitriyev, V. M.; Kudryashova, A. A.	
ORG: none	
TITLE: Vibration stand for testing aircraft-undercarriage shock strutsClass 42, No. 187369	
SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 20, 1966, 141-142	V ()
TOPIC TAGS: aircraft landing gear, aircraft test, shock strut,	- Dru
ABSTRACT: An Author Certificate has been issued for a vibration stand for testing aircraft-undercarriage shock struts, which consists of a base, a housing in which to mount the part being tested, a pneumatic loading device with guide rails, and an electric motor. In order to closely simulate an aircraft's roll after landing on an unpaved airfield, it includes a console-type table to which vibration is transmitted by an electric motor through a crank and connecting-rod mechanism; the use of a flywheel provides attenuated vibrations to the above-mentioned table after the electric motor has been switched off. Orig. art. has: 1 figure. SUB CODE: 01/ SUBM DATE: 04Jan65/	
Card 1/1 UDC: 620.178	•
UDC: 020.170	

APPROVED FOR RELEASE: 07/12/2001 CIA-RDP86-00513R000827210006-5"

PROROKOV, N.I.; KONOVALOVA, L.I.; KUDRYASHOVA, A.A.

Experience in the use of the new methods for fabric finishing.

(MIRA 17:9)

Tekst. prom. 24 no.3:58-61 Mr 164.

1. Direktor Ivanovskogo khlopchatobumazhnogo kombinata imeni F.N. Samoylova (for Prorokov). 2. Zaveduyushchiy khimicheskoy laboratoriyey Ivanovskogo khlopchatobumazhnogo kombinata (for Konovalova). 3. Nachalinik opytno-proizvodstvennoy laboratorii Ivanovskogo khlopchatobumazhnogo kombinata (for Kudryashova).

MEL'NIKOV, B.N.; PROROKOV, N.I.; KUDRYASHOVA, A.A.

Experience in the use of organic solvents in the dyeing of cotton fabrics with sulfide dyes. Izv. vys. ucheb. zav.; tekh. tekst. prom. (MIRA 18:5) no.1:152-157 *65.

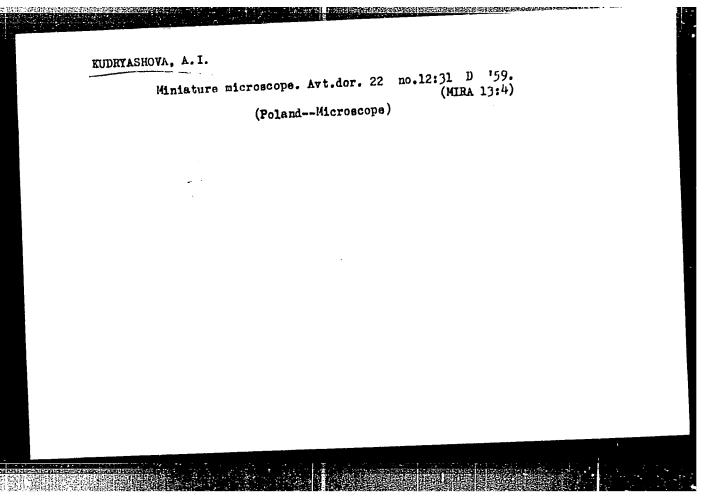
1. Ivanovskiy khimiko-tekhnologicheskiy institut i Ivanovskiy khlopchatobumazhnyy kombinat.

PROBOROW, N. 1.; Edition States, A.A.; RYVKINA, Ye.N.

"In of native dyos in resist printing as bottom for insoluble hydroxyazo dyes. Takst. prom. 25 no.8:63-66 Ag '65.

(MIRA 18:9)

1. Direktor Ivanovskogo khlopchatobumazhnogo kombinata imeni Samoylova (for Prorokov). 2. Nachal'nik opytno-proizvodstvennoy Samoylova (for Rudryashova) 3. Starshiy inchener-khimik Ivanovskogo khlopchatobumazhnogo kombinata imeni Samoylova (for Rudryashova) 3. Starshiy inchener-khimik Ivanovskogo khlopchatobumazhnogo kombinata imeni Samoylova (for Ryvkina).



WUDRYASHOVA, A.I., inch.

Using data from petrographic studies in the evaluation of the quality of aggregates of heavy and lightweight concrete.

Sbor. trud. VNIJNSM no.8:154-161 '63. (MIRA 17:9)

PADETFVA, V. 1. dr. takhn. nauk; KUDRYASHOVA, A.I., inah.; SINOTKINA,
N.L., 167h.

Method of studying the porosity of cement stone. Sbor. trud.
(MIRA 17:9)
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KUIRYASHOVA, A. YA.

Kudryashova, A. Ya. — "Age Peculiarities of the Electrical Activity of the Human Cerebral Cortex." Ieningrad State Fedagogical Inst, Leningrad, 1955 (Dissertation for Degree of Candidate of Biological Sciences).

S0; Knizhnaya Letopis', No. 23, Moscow, June, 1955, pp. 87-104.

SADIKOVA, N.V.; KUDRYASHOVA, G.K.

Characteristics of brain proteins in rats of different ages according to their content of dicarboxylic and N-terminal amino acids. Nerv. sist. no.5:16-21 '64.

(MIRA 18:3)

1. Laboratoriya khimii belka loningradskogo gosudarstvennogo universiteta.

GALUSHKO, A.I.; KUDRYASHOVA, G.L.

Ferns of the Kabardino-Balkar A.S.S.R. Uch.zap. Kab.-Balk. gos.
(MIRA 16:6)
un. no. 14:31-43'62.
(KABARDINO-BALKAR A.S.S.R.-FERNS)

KIXUKINA, N.G.; KUDRYASHOVA, G.M.

Effect of dehydration on the physicochemical properties of nickelous hydroxide. Zhur.prikl.khim. 36 no.3:495-500 My 63. (MIRA 16:5)

(Nickel hydroxides) (Dehydration (Chemistry))

COUNTRY :USSR CATLEGORY :General Problems of Pathology. Immunity ABS. JOHR.: RZBiol., No. 12 1958, No. 56219	
AUTHOR Hudrynshova, Action Reflex in the Formation Reflex in the Formation Reserved	
OFFIG. PUB. Collection: Usuavy Immuniteta, Moscow, 1956, 177-184 ABFEGT An experiments using 4 rabbits with the method of foliomed and Exploy, it was shown that a conditioned foliom and Erylov, it was shown that a conditioned foliom and Erylov, it was shown that a conditioned foliom and Erylov, it was shown that a conditioned foliom of agglutins (TA) and in reflex rise in the titer of agglutins (TA) and in reflex rise in the titer of agglutins (PAL) the phagocytic activity of the leukocytea (PAL)	
reflex rise in the the leukocytes (). the phagocytic activity of the leukocytes (). the phagocytic activity of the leukocytes (). may occur following the injection of vaccine made may occur following the injection being sustained for a long period of time reaction being sustained for a long period of time (40 to 167 days). In rabbits immunized with typhologic to the TA was increased 4 fold following oid vaccine, the TA was increased 4 fold following the conditioned stimulation, and the PAL 8 fold. The conditioned stimulation of a conditioned reflex, repeated the formation of a conditioned reflex, repeated combined presentations of the conditioned and ed combined presentations of the conditioned and	
0ARD: 1/2	

ZHITOVA, Ye.I.; KUDRYASHOVA, K.I.

Effect of cortisone on typRoid bacteria infections in immune

Effect of cortisone on typRoid bacteria infections in immune

Effect of cortisone on typRoid bacteria infections in immune

165.

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[Recommended number of workers in plants producing clay bricks] Tipovye shtaty rabochikh zavodov glinisnogo kirpicha. Moskva, 1959. 221 p. (MIRA 15:2)

1. Gosudarstvennyy proyektnyy institut po proyektirovaniyu zavodov stroitel'nykh materialov. 2. Normativno-issledovatel'skiy otdel Gosudarstvennogo proyektnogo instituta po proyektirovaniyu zavodov stroitel'nykh materialov(for all).

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KUDRYASHOVA, L. I. (Prof.)

"Generalization of the Theory of Thermal Regularity."

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